

# WORKCLOUD COMMUNICATION

## Voice Client



**ZEBRA**

# Configuration Guide for StageNow

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## Introduction

This guide describes a method for using Zebra StageNow to configure the Zebra Workcloud Communication Voice Client (Zebra Voice). The system administrator should adjust this method as necessary to accommodate the specific business environment. StageNow tutorial and training materials are located at:

[zebra.com/us/en/support-downloads/software/utilities/stagenow.html](https://zebra.com/us/en/support-downloads/software/utilities/stagenow.html) or [techdocs.zebra.com/stagenow/](https://techdocs.zebra.com/stagenow/).



**NOTE** Requires Zebra Voice version 8.2.729 or later.

Procedures in this guide are for StageNow version 3.0.1.1038 and can differ for other versions of StageNow.

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## Overview



**NOTE** If using Zebra Voice version 9.x with Profile Manager, make sure to install the Device Fabric Service (DFS) APK before installing the Zebra Voice APK.

When configuring Zebra Voice for the first time, install both the Zebra Voice APK file and the Zebra Voice configuration file on the device. When updating the configuration file of an existing installation, only the XML configuration file is required.

The configuration file `WFConnect.xml` stores all Zebra Voice configuration parameters as key and value pairs. For information on how to create the configuration file, refer to the Workcloud Communication Voice Client 8.x Administrator Guide for the desired PBX type.

Zebra Voice listens for the `wfc.voice.ACTION_UPDATE_CONFIG` intent during runtime. When Zebra Voice receives the intent from StageNow, Zebra Voice uses `WFConnect.xml` to update the Zebra Voice configuration parameters. When installing or updating `WFConnect.xml`, Zebra Voice must be running in order to receive the intent.



**NOTE** The package name and Android application ID for Zebra Voice is `com.symbol.wfc.voice`.

## Installing the APK

To install the Zebra Voice app on a Zebra Android device:

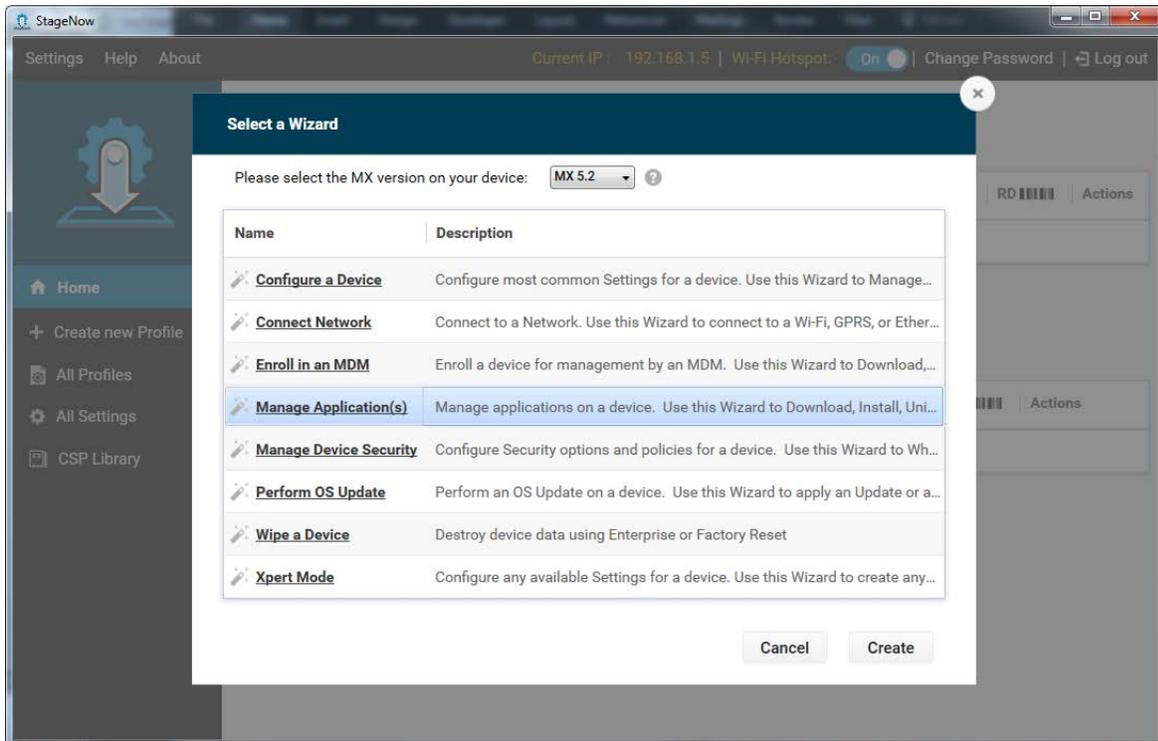
1. From the StageNow Tool, select **Create a New Profile**.
2. From the drop-down menu, select the MX version on your device.



**NOTE** Procedures in this guide are for MX versions 4.x and 5.x and can differ for other MX versions.

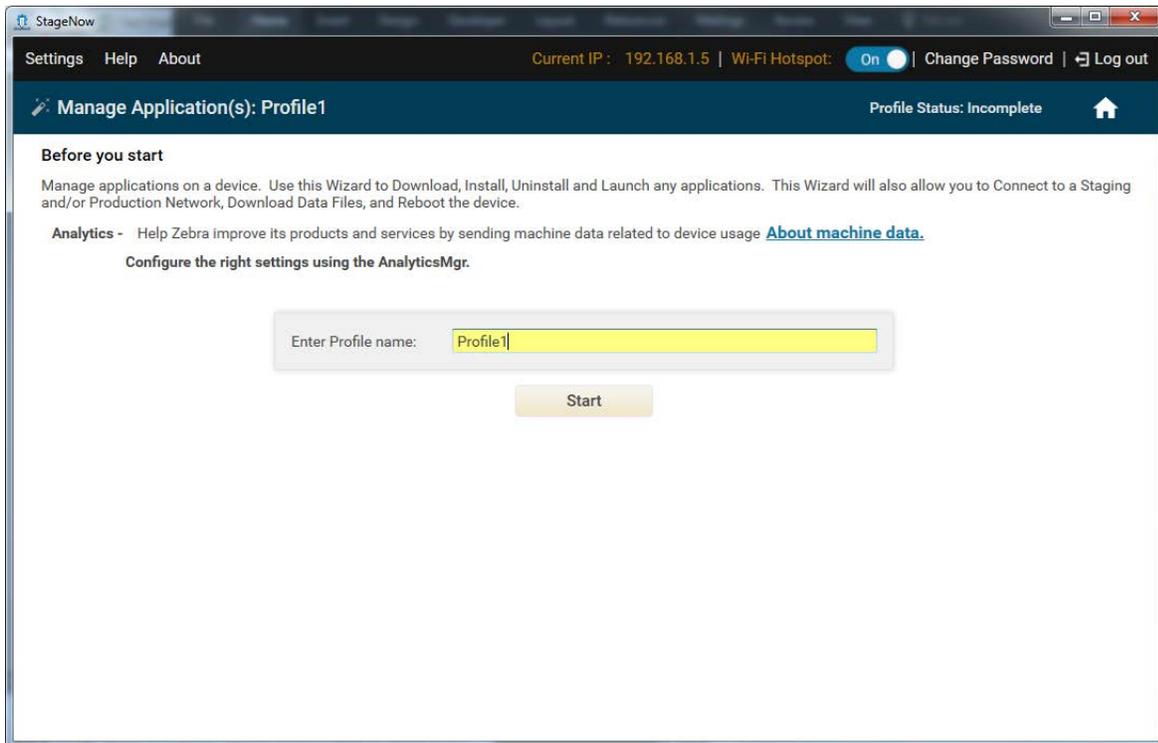
3. Select **Manage Applications**.

**Figure 1** Select a Wizard



4. Select **Create**.
5. In the **Enter Profile name** field, enter the profile name.

Figure 2 Enter Profile Name

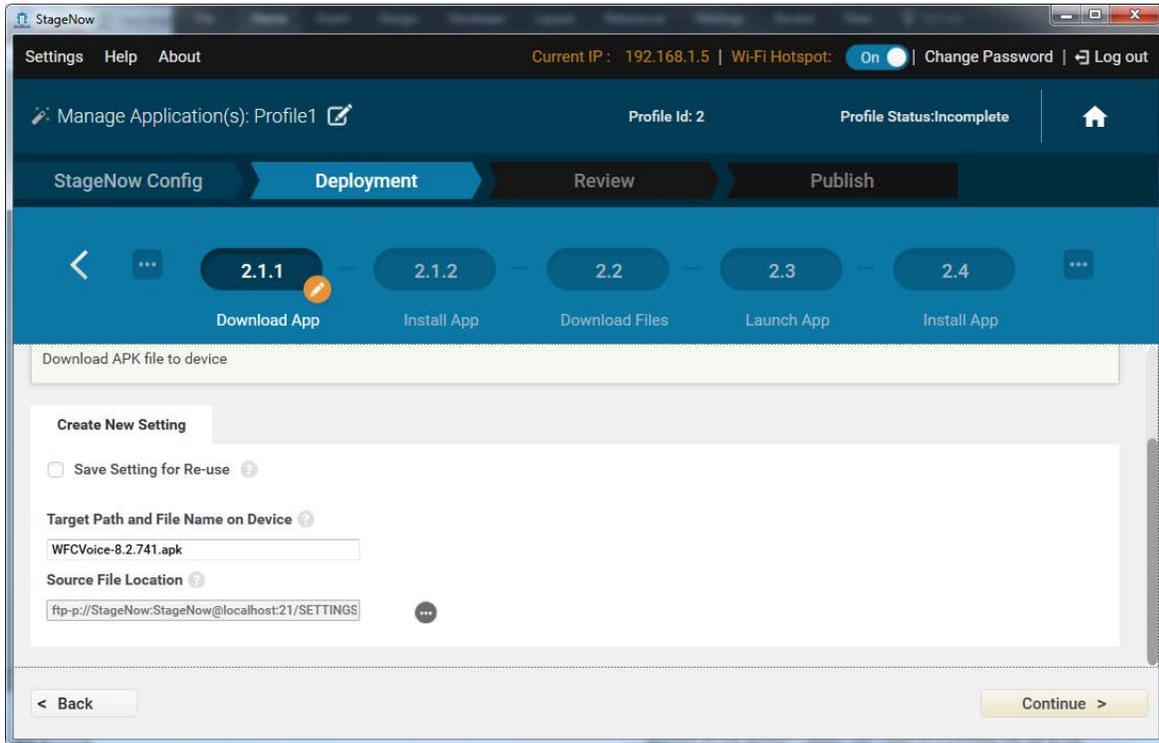


6. Select **Start**.
7. For the question, **Would you like to connect to a network?**, select **No**.
8. For the question, **Would you like to Uninstall an installed application?**, select **No**.
9. For the question, **Would you like to install an application?**, select **Yes**.
10. For the question, **Is your application already present on the device?**, select **No, I want to Download the file to my device**.

The **Download App** page appears.

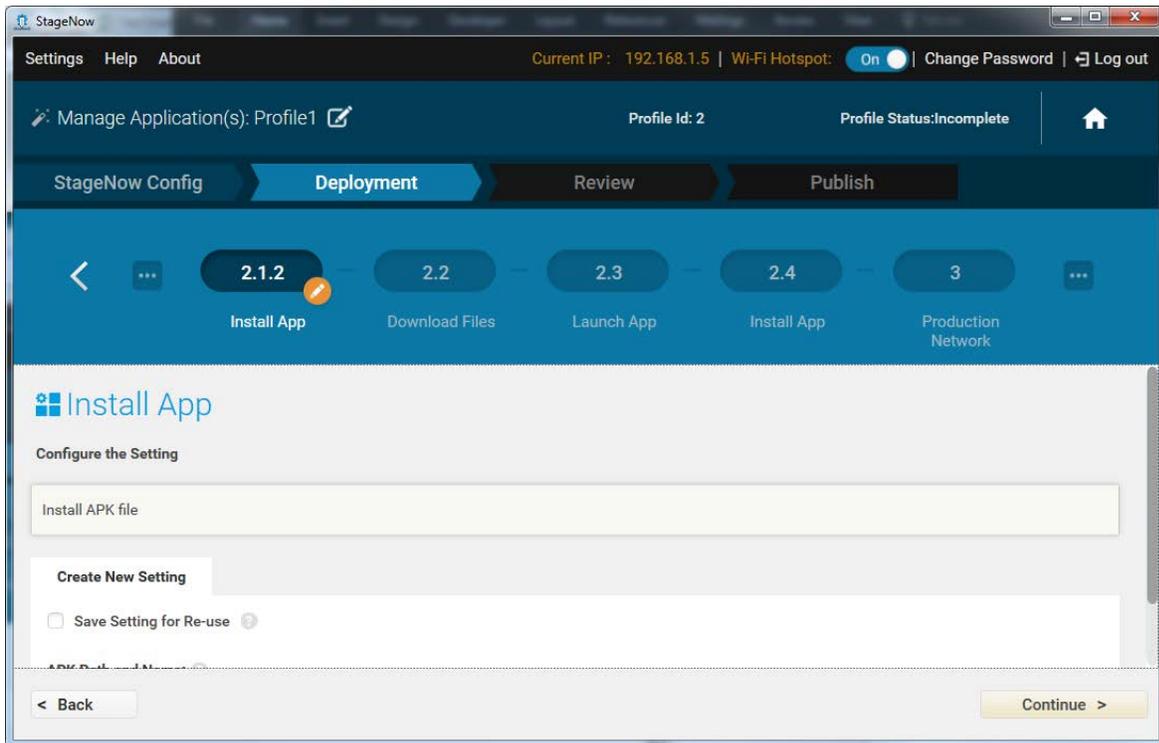
11. In the **Target Path and File Name on Device** field, enter the target path and file name for your device. For example, `/sdcard/WFCVoice-8.2.741.apk`.
12. In the **Source File Location** field, select **...**.
13. In the **Staging Server** drop-down menu, select one of the following options:
  - **Built In** - Select **...** and navigate to the location of the APK file and staging server configuration.
  - **External** - Enter the source path and file name.
14. Select **OK**.

Figure 3 Deployment - Download App



15. Select **Continue**.

Figure 4 Deployment - Install App

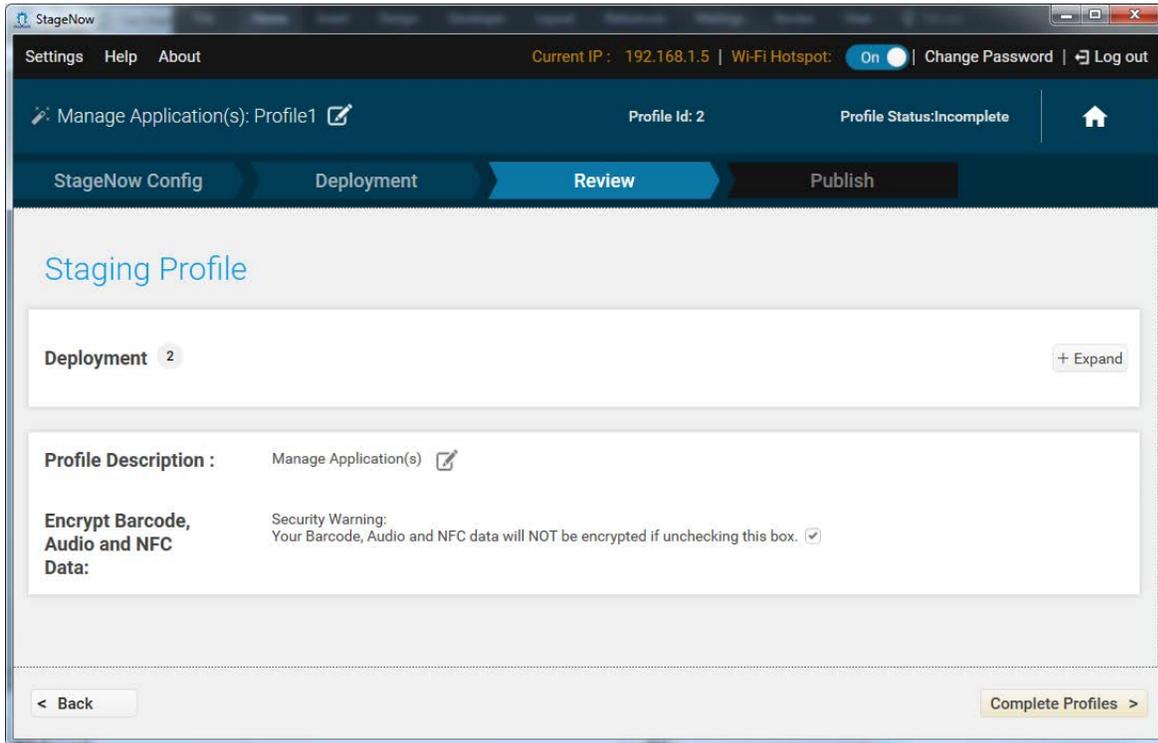


16. From the **Install App** screen, select **Continue**.

17. For the question, **Would you like to download an Application Data file?**, select **No**.

18. For the question, **Would you like to launch an APK file?**, select **No**.
19. For the question, **Would you like to install an application?**, select **No**.
20. For the question, **Would you like to connect to another network?**, select **No**.
21. For the question, **Would you like to reboot the device?**, select **No**.

**Figure 5** Deployment - Staging Profile



22. From the **Staging Profile** page, select **Complete Profiles**.

## Installing or Updating the XML Configuration File

Installing or updating the XML configuration file requires:

- Pushing the XML configuration file to the device.
- Sending an intent to the device.

To install or update the XML configuration file:

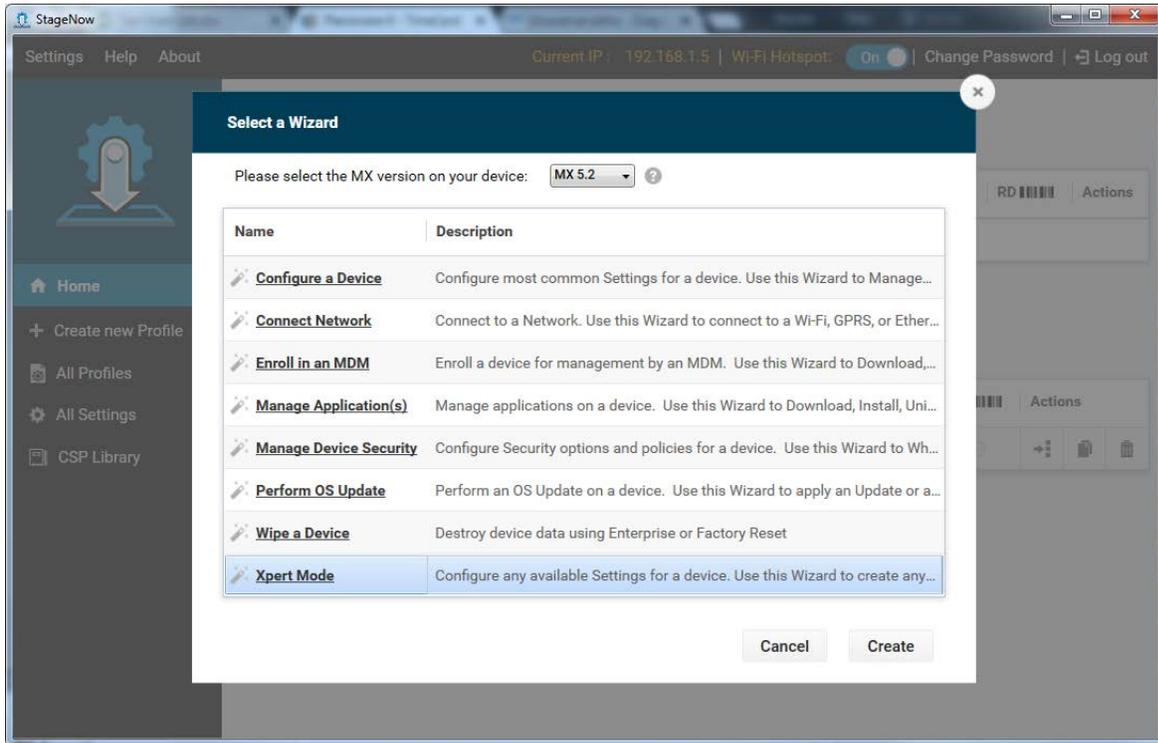
1. Ensure that Zebra Voice is running.
2. Select **Create a New Profile**.
3. Select the MX version according to the MX Version on your device.



**NOTE** Procedures in this guide are for MX versions 4.x and 5.x and can differ for other MX versions.

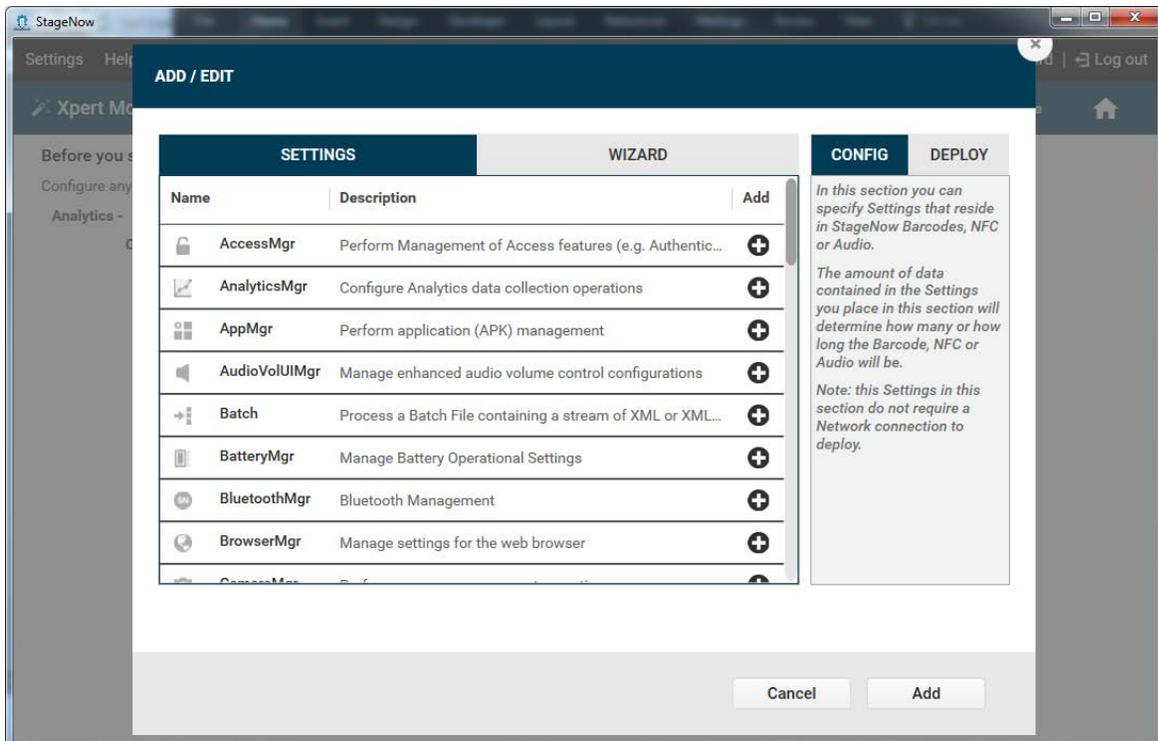
4. Select **Xpert Mode**.

**Figure 6** Select a Wizard



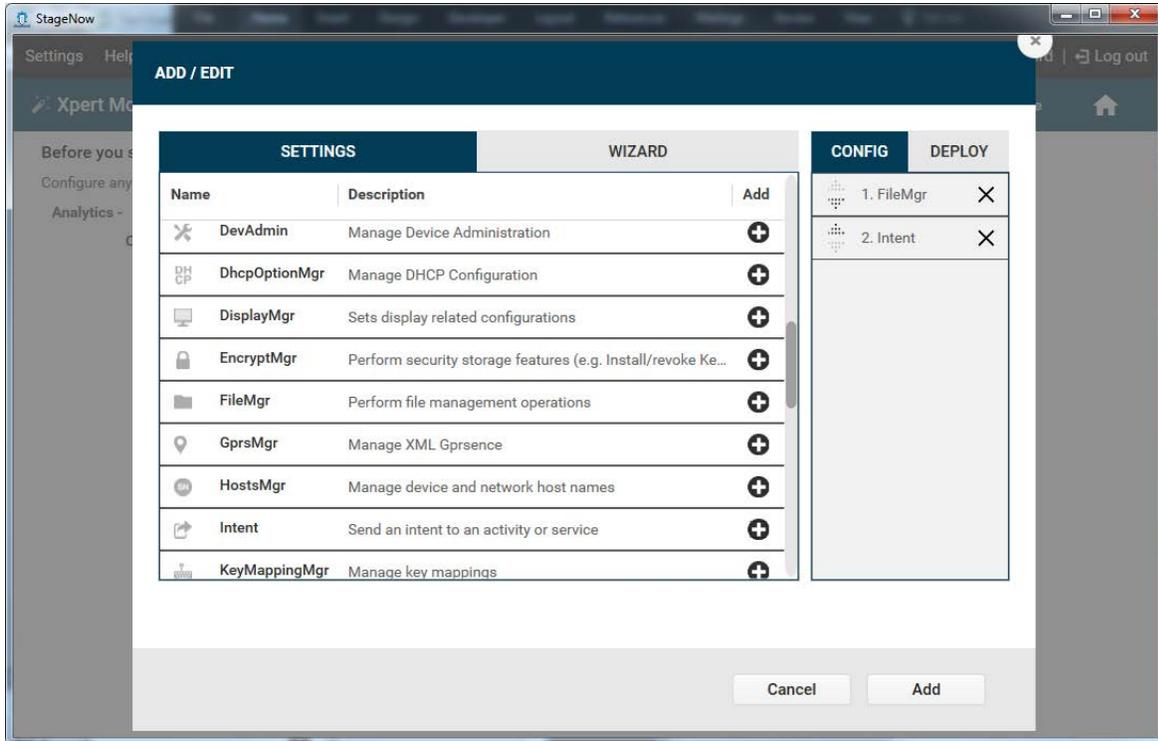
5. Select **Create**.
6. In the **Enter Profile name** field, enter the profile name.
7. Select **Start**.

**Figure 7** Xpert Mode - Add/Edit



8. Scroll down to **FileMgr** and select **+**. FileMgr is added to the **CONFIG** tab.
9. Scroll down to **Intent** and select **+**. Intent is added to the **CONFIG** tab.

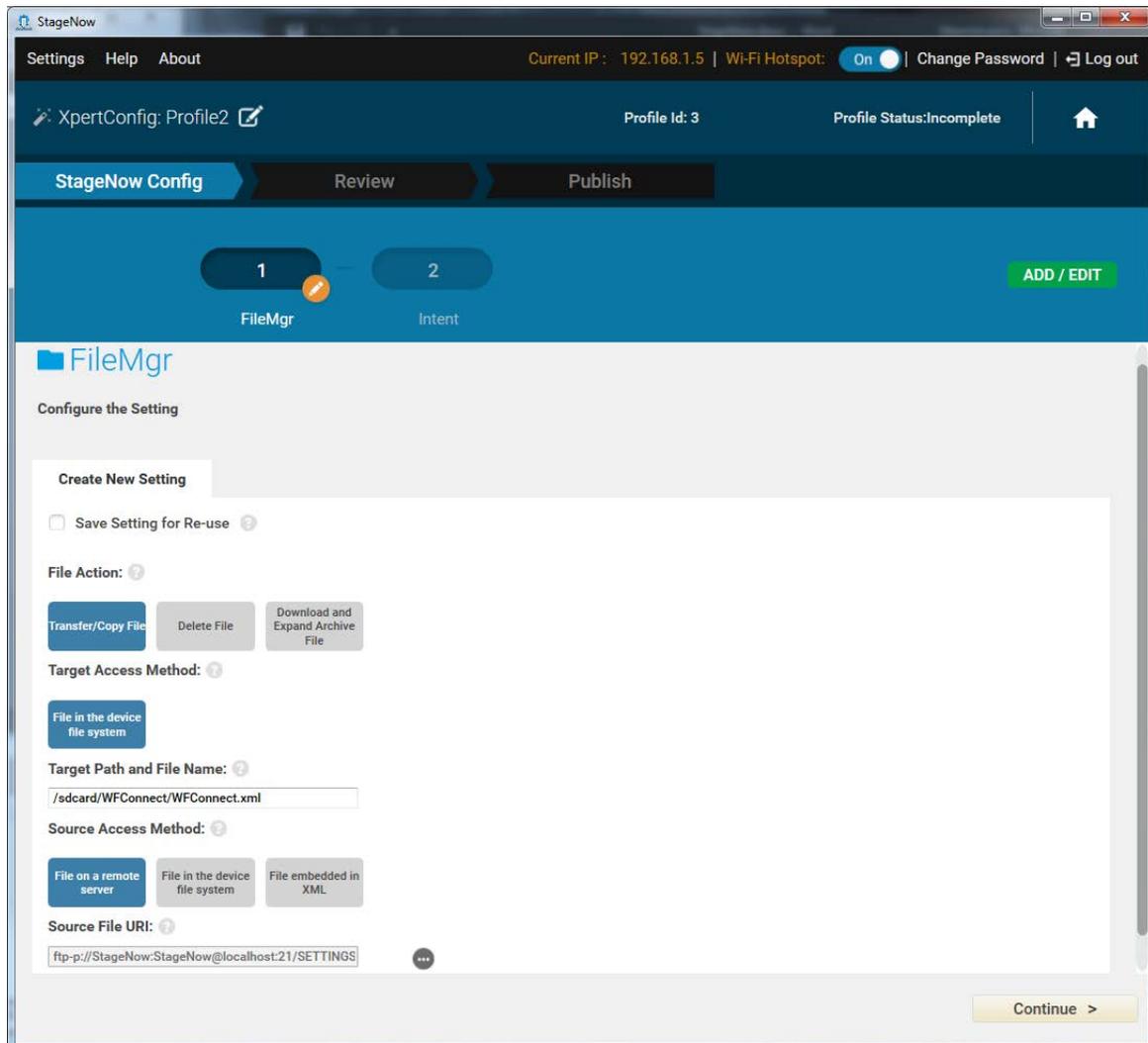
**Figure 8** Xpert Mode - FileMgr and Intent



10. Select **Add**.
11. In the **Target Path and File** name field, enter `/sdcard/WFConnect/WFConnect.xml`.
12. In the **Source File Location** field, select **...**.
13. In the **Staging Server** drop-down menu, select one of the following options:
  - **Built In** - Select **...** and navigate to the location of the APK file and staging server configuration.
  - **External** - Enter the source path and file name.

14. Select **OK**.

**Figure 9** Xpert Mode - FileMgr



15. Select **Continue**.

16. Select **StartActivity**.

17. Set the following values:

- In the **Android action name** field, enter `wfc.voice.ACTION_NEW_CONFIG`.
- From the **Extra 0 Type** drop-down menu, select **String**.
- In the **Extra 0 Name** field, enter `profile_uri`.
- In the **Extra 0 Value** field, enter `/sdcard/WFConnect/WFConnect.xml`.

**Figure 10** Xpert Mode - FileMgr

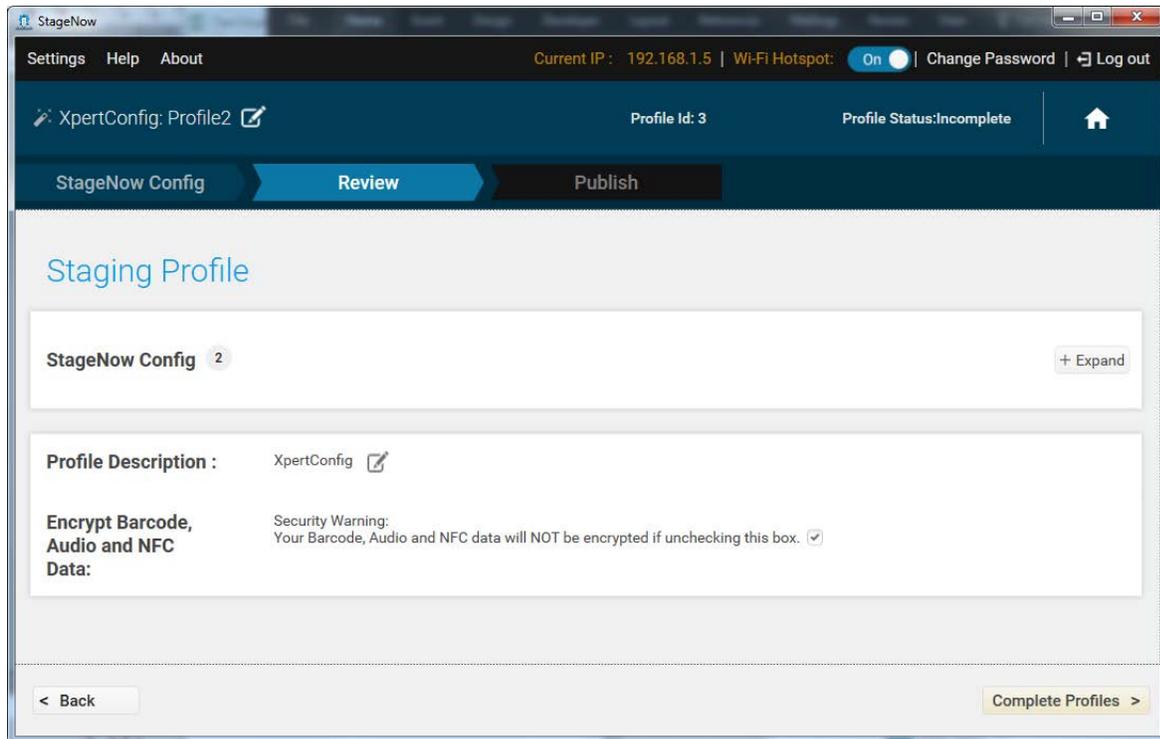
The screenshot displays the StageNow configuration interface. At the top, there are navigation options: Settings, Help, About, and a status bar showing Current IP: 192.168.1.5, Wi-Fi Hotspot: On, Change Password, and Log out. Below this, the configuration is for 'XpertConfig: Profile2' with Profile Id: 3 and Profile Status: Incomplete. A progress bar shows 'StageNow Config' (selected), 'Review', and 'Publish'. Underneath, two steps are shown: '1 FileMgr' (completed with a green checkmark) and '2 Intent' (pending with an orange pencil icon). A green 'ADD / EDIT' button is on the right. The main configuration area is titled 'Action:' and has three tabs: 'StartActivity' (selected), 'StartService', and 'Broadcast'. The 'StartActivity' tab contains the following fields:

- Android Action Name: `wfc.voice.ACTION_NEW_CONFIG`
- MIME Type: (empty)
- Package Name: (empty)
- Class Name: (empty)
- URI: (empty)
- File: (empty)
- Extra 0 Type: String (dropdown menu)
- Extra 0 Name: `profile_uri`
- Extra 0 Value: `/sdcard/WFConnect/WFConnect.xml`

At the bottom, there are '< Back' and 'Continue >' buttons.

18. Select **Continue**.

**Figure 11** Xpert Mode - Staging Profile



19. From the **Staging Profile** page, select **Complete Profiles**.

20. After the XML configuration file update is complete, remove the file from the SD card on the device.

